

Certificate of Analysis

Product Name: Locust bean gum, from Ceratonia siliqua seeds
Cat. No.: CS-0256297
CAS No.: 9000-40-2
Batch No.: 487974
Chemical Name: Carob gum

PHYSICAL AND CHEMICAL PROPERTIES

Storage: RT, protect from light
Chemical Structure:

Locust bean gum, from Ceratonia siliqua seeds

ANALYTICAL DATA

Appearance: Off-white to light yellow (Solid)
Polysaccharide: 85.00%
Protein Content: 5.00%
Heavy metals: 10.00 ppm
(As) Arsenic: 10.00 ppm
Viscosity (1% in H₂O, 25°C): 5769.00 mPa·S
Lead (Pb): 2.00 ppm
Loss on drying: 8.00%
Ignition Residue (Ash): 0.60%
PH (1% in Water, 25°C): 6.78
Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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